

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 30 Nov 2020 until 23:59 on Tuesday 01 Dec 2020

Forecast Issued on Monday 30 Nov 2020 at 01:30

Confidence: High confidence for an unsettled start to the week and for the change to a very cold wintery mix later in the week. Lower confidence in snow and rainfall amounts during the later period though.

Headline for Monday 30 Nov 2020: A wet and windy day on the dales.

Mountain weather hazards on Monday 30 Nov 2020

Blizzards

No Likelihood

Gales

Medium Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Low Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light rain	Heavy Rain	Heavy Rain	Dull	Partly cloudy (night)	Clear night
Precipitation probability					
60%	70%	70%	40%	10%	00%

Forecast for Monday 30 Nov 2020

Weather: Cloudy with brisk winds and outbreaks of rain, turning heavy and persistent at times. Rain clearing later in the day allowing some brighter spells to develop before dusk. Skies becoming clear during the evening, making for a chilly night.

Chance of cloud free mountain/hill tops above 600m: 20-30% with extensive cloud above 400-600m. Increasing to 80-90% for the evening, as cloud clears.

Visibility: Visibility will generally be quite poor in rain and drizzle, it may become moderate at times in lighter rain but good views will be hard to come by during the day and navigating may be tricky at times. Visibility becoming good by the evening.

Forecast for Monday 30 Nov 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 W	20/28 W	25/35 W	24/33 W	17/26 NW	15/25 NW	12/22 N
300	13/30 W	13/28 W	17/34 W	15/31 W	10/25 NW	11/24 NW	7/18 NW
Valley	7/21 W	9/22 W	12/28 W	12/27 W	9/23 NW	8/22 N	8/19 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	5/-0	5/-0	6/1	3/-2	1/-5	0/-5
300	7/3	7/3	7/3	8/4	5/2	3/-1	2/-2
Valley	8/6	8/6	8/5	9/6	7/4	4/1	3/-0
Freezing Level*	1700m	1700m	1700m	1600m	1100m	700m	500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Brisk Westerly winds, with gusts of 35-45mph possible over peaks and ridges during the afternoon. Freezing level will fall during the evening and it will feel very chilly on Monday night.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 30 Nov 2020	0.2mm	3.8mm	3.8mm

Forecast for Tuesday 01 Dec 2020

Weather: A dry morning with plenty of sunshine, but chilly. Cloud increasing through the afternoon, however it will remain predominantly dry.

Maximum wind: Northwesterly 10-15 mph.

Chance of cloud free mountain/hill tops above 600m: 90% with most summits clear and far reaching views expected. However, by dusk a slightly lower chance with some tops being shrouded in lower cloud.

Visibility: Excellent during the morning becoming good later in the day.

Temperature: **Valleys:** Minus 1 Celsius rising to plus 5 Celsius
At 600m: Plus 1 Celsius.
Freezing level: Just above the summits rising later.